



**PATENT**

Case Docket No. IMEC232.001DV1

Date: November 18, 2003

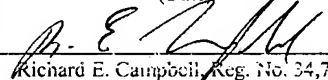
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Stalmans et al.  
Appl. No. : 10/644,690  
Filed : August 19, 2003  
For : THIN-FILM OPTO-  
ELECTRONIC DEVICE AND A  
METHOD OF MAKING IT  
Examiner : Unknown  
Group Art Unit : 2812

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

November 18, 2003

(Date)

  
Richard E. Campbell, Reg. No. 34,790

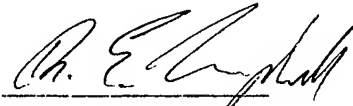
**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing 18 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

  
Richard E. Campbell  
Registration No. 34,790  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

## INFORMATION DISCLOSURE STATEMENT

Applicant : Stalmans et al.  
App. No. : 10/644,690  
Filed : August 19, 2003  
For : THIN-FILM OPTO-ELECTRONIC  
DEVICE AND A METHOD OF MAKING  
IT  
Examiner : Unknown  
Group Art Unit : 2812

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

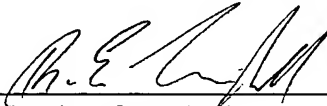
Enclosed is form PTO-1449 listing 18 references that are of record in U.S. patent application No. 09/743,076, filed January 3, 2001, which is the parent of this divisional application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410:

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11/18/03

By:   
Richard E. Campbell  
Registration No. 34,790  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. IMEC232.001DV1	APPLICATION NO. 10/644,690
	APPLICANT Stalmans et al.	
	FILING DATE August 19, 2003	GROUP 2812

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	4,806,996	02-1989	Luryi			
	2	4,818,337	04-1989	Barnett et al.			
	3	5,136,351	08-1992	Inoue et al.			
	4	5,397,429	03-1995	Hummel et al.			
	5	5,679,475	10-1997	Yamagata et al.			
	6	5,981,400	11-1999	Lo			
	7	6,194,245	02-2001	Tayanaka			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	8	EPO 341 017 A2	05-1989	EPO				
	9	DE 43 19 413 A1	12-1994	GERMANY				
	10	DE 197 43 692 A1	04-1999	GERMANY				
	11	63182811	07-1988	JAPAN PATENT ABSTRACT				
	12	06163968	06-1994	JAPAN PATENT ABSTRACT				
	13	03042818	02-1991	JAPAN PATENT ABSTRACT				
	14	03235371	10-1991	JAPAN PATENT ABSTRACT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	15	Grigor's et al., ENHANCED LIGHT ABSORPTION IN ANODICALLY ETCHED SILICON WAFERS, Elsevier Science S.A., 276, pp. 228-230 (1996)
	16	Mauk et al., THIN SILICON SOLAR CELLS WITH INTERNAL REFLECTION AND THEIR FABRICATION BY SOLUTION GROWTH, IEEE, pp. 192-197, (1985)
	17	Vernon et al., HIGH PERFORMANCE POROUS SILICON SOLAR CELL DEVELOPMENT, IEEE, pp. 1583-1586 (1994)
	18	Zettner et al., NOVEL POROUS SILICON BACKSIDE LIGHT REFLECTOR FOR THIN SILICON SOLAR CELLS, Prog. Photovol. Res. 6, pp. 423-432 (1998)

S:\DOCS\REC\REC-8248.DOC\111803

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	